

REMARKS

Claims 2-11, 13, 15-20, and 22-26 were previously pending in this application. By this amendment, claims 2 and 13 has been amended, and claims 7 and 9 has been canceled. Applicant reserves the right to file one or more continuation applications directed to the canceled claims. New claims 27-33 have been added. As a result, claims 2-6, 8, 10, 11, 13, 15-20, and 22-33 are pending for examination with claims 3, 4, 15, 25 and 27 being independent claims. No new matter has been added. Applicant respectfully requests reconsideration in view of these amendments and the following arguments.

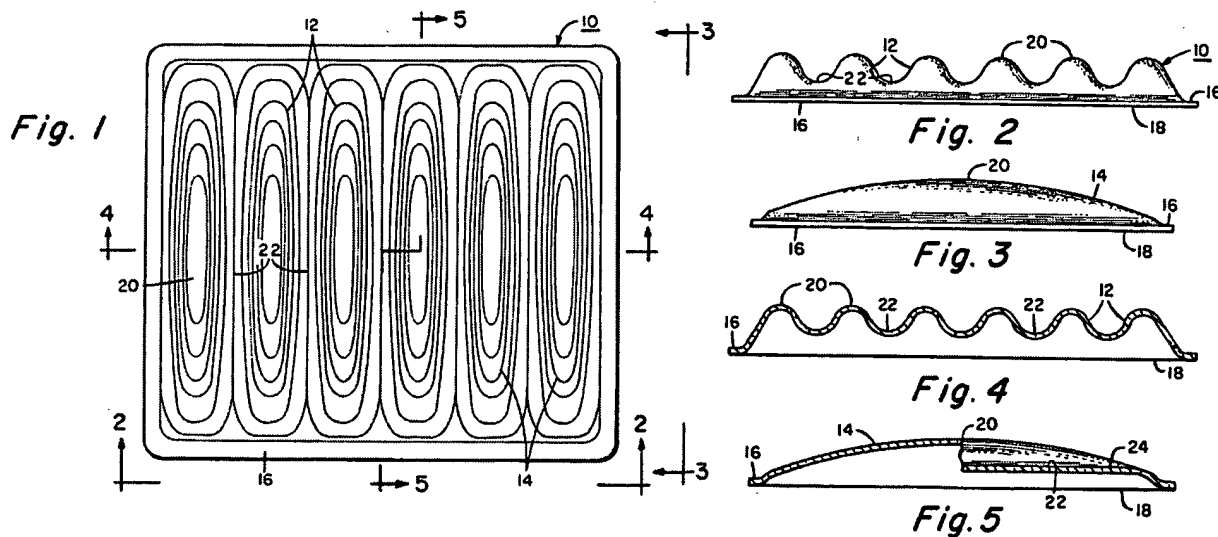
Rejections Under 35 U.S.C. §102

In the Office Action dated May 4, 2005, claims 3-11, 13, 15-20, and 22-26 were rejected under 35 U.S.C. §102(b) as being anticipated by Coppola (U.S. Patent No. 4,186,723). Claim 2 is also a pending claim since it was never cancelled by the Examiner or Applicant. Therefore, Applicant, for purposes of this amendment, assumes that claim 2, which depends from claim 3, was also rejected as being anticipated by Coppola. To further the prosecution of this application, Applicant has canceled claims 7 and 9. Applicant respectfully traverses the rejection of the remaining claims, including independent claims 3, 4, 15, and 25.

Independent claims 3, 4, 15, and 25 are all directed to an insert for placement in a door light. Each claim recites an insert that includes a raised portion having a substantially uniform configuration, and each claim recites that the raised portion includes *at least two raised concentric rings*.

Coppola is directed to an insulating window for use with a solar heat collector. In particular, Coppola discloses a glass solar window configured to withstand forces that relate to variations of atmospheric pressure and that result from below atmospheric pressures within the collector. (Coppola, Col. 1, lines 14-34). The Coppola window has corrugations 12 which extend parallel to one another across the entire window 10. Corrugations 12 have peaks 20 and valleys 22. The height of the peaks of the corrugations 12 is at a maximum in the middle of the window and slopes down to a minimum at the sides of the window 10, or from left to right as shown in FIG. 1. This shape provides a solar window 10 having a "sinusoidal longitudinal cross section and a parabolic transverse cross section." (Coppola, Col. 2, lines 14-16).

The Office Action states that Coppola shows raised concentric rings, and refers to reference numeral 14 shown in FIG. 1. Based on a detailed review of Coppola, Applicant respectfully disagrees with this statement. Coppola fails to disclose or suggest any sort of *a raised portion that includes at least two raised concentric rings*, as recited in claims 3, 4, 15, and 25. The Brief Description of the Drawings in Coppola, describes FIG. 1 as a schematic *contour* line drawing of the top plan view of a solar window. In "FIGS. 1-5, a contoured solar window 10 is disclosed having a plurality of corrugations 12 extending longitudinally thereof which are contoured laterally in the shape of paraboloids 14." (Coppola, Col. 3, lines 64-67). Reference numeral 14 in FIG. 1, does not refer to raised concentric rings, but rather, numeral 14 refers to contour lines, similar to a topographical map. That reference numeral 14 refers to contours and not a ring-like pattern becomes clear after a review of the specification, and the elevational and cross-sectional views in Coppola. For convenience, FIGS. 1-5 from Coppola are reproduced below.



As shown in the figures, both the longitudinal elevation view (FIG. 2) and the longitudinal cross-sectional view (FIG. 4) illustrate the sinusoidal pattern of the corrugations 12. "The longitudinally spaced sinusoidal corrugations 12 are laterally contoured in the shape of paraboloids which provide a plurality of longitudinally spaced-apart constant stress beams extending laterally across the window 10" (Coppola, Col. 4, lines 33-37). In particular, FIGS. 1, 2 and 4 illustrate six peaks 20 and five valleys 22. As shown in FIG. 1, each group of elliptical

contour lines corresponds to one peak 20 and the portions between two groups of elliptical contour lines correspond to valleys 22. Thus, corrugations 12 extend longitudinally, or top to bottom in FIG. 1, in a parallel relation. These corrugations 12 cannot be concentric, as they all extend in a substantially linear direction. The term “concentric” requires that there be a common center, which the parallel corrugations in Coppola do not have. (see attached definition for “concentric”, Merriam-Webster Online Dictionary).

When viewing the solar window 10 of Coppola from the lateral direction, both the lateral elevation view (FIG. 3) and the lateral cross-sectional view (FIG. 5) illustrate the arcuate or parabolic shape of each corrugation 12 in a vertical direction. In particular, the lateral, offset cross-sectional view shown in FIG. 5 illustrates the parabolic shape at the peak 20 of a corrugation 12 and the flat valley 22 between the peaks 20. “The cross section of each corrugation 12 as shown in FIG. 5 is in the form of a parabola, so that the plurality of paraboloids, joined together along adjacent base portions, maximize the overall strength”. (Coppola, Col. 4, lines 41-44). Therefore, the contours of each paraboloid are highest in the center portion and slope to the edges, as shown in FIG. 3.

Based upon the corresponding elevation and cross-sectional views depicted in FIGS. 2-5, reference numeral 14 could not possibly refer to raised concentric rings. For the sake of argument, if reference numeral 14 did refer to raised concentric rings, the cross-sectional views would be significantly different. More particularly, the cross-sectional view in FIGS. 4 and 5 would illustrate the shape of such raised rings. However, these cross-sectional views show no such rings. Furthermore, even under the Examiner’s interpretation that Coppola discloses at least two raised concentric rings, amended claims 2 and 13 further distinguish over Coppola. Claims 2 and 13 have been amended to clarify that the bullseye pattern has at least two *concentric circles*. This recitation clearly distinguishes over Coppola which fails to disclose any concentric circles. At most, FIG. 1 in Coppola illustrates elliptically shaped contour lines.

For at least these reasons, claims 3, 4, 15, and 25 are patentable over Coppola. Claims 2, 5, 6, 8, 10, 11, 13, 16-20, 22-24, and 26 all depend from claims 3, 4, 15, and 25 and are patentable for at least the same reasons.

Accordingly, withdrawal of these rejections is respectfully requested.

New Claims

Applicant has added new claims 27-33, including independent claim 27 to further define the invention. Support for the new claims may be found at least on page 4, lines 23-30, on page 8, line 11- page 9, line 9, on page 9, line 25-29, on page 10, line 23, and in Figs. 6-10.

New independent claim 27 is directed to the combination of a door and a translucent insert for placement in the door. The insert includes a substantially planar top surface defining a plane, and a raised portion at least partially surrounded by the planar surface. The raised portion includes at least two features extending above the plane of the planar top surface and the raised portion has a substantially uniform configuration. The raised portion includes at least two raised concentric rings substantially centered on the insert. New independent claim 27 recites an insert similar to the insert recited in claim 3, and accordingly, is patentable over Coppola for at least the reasons stated above. Furthermore, Coppola and the cited prior art fail to disclose or suggest the combination of a door and the above-described translucent insert for placement in the door. Coppola, as noted above, relates to a solar heat collector and is not taught to be placed in a door.

New claims 28-32 depend from new claim 27 and are patentable for at least the same reasons as claim 27.

New claim 33 depends from claim 3 and is patentable for at least the same reasons as claim 3. Furthermore, the recitation "a height of the peaks of the raised portion decreasing at a constant rate in a radial direction from the maximum height toward an outer edge of the raised portion" is neither disclosed nor suggested by Coppola.

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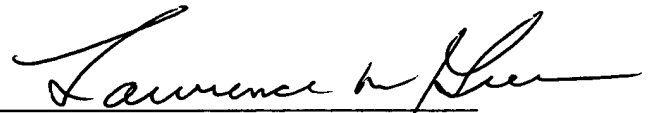
CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Respectfully submitted,

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concentric Find

Main Entry: **con·cen·tric**

Pronunciation: k&n-'sen-trik, "kän-

Function: *adjective*

Etymology: Medieval Latin *concentricus*, from Latin *com-* + *centrum* center

1 : having a common center <*concentric circles*>

2 : having a common axis : **COAXIAL**

- **con·cen·tri·cal·ly** /-tri-k(&-)lE/ *adverb*

- **con·cen·tric·i·ty** /"kän-"sen-'tri-s&-tE/ *noun*

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